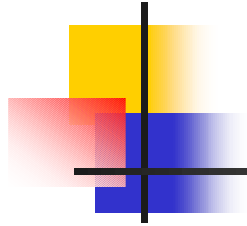




Review of Emission Inventory Guidelines

Michael Benjamin

Emission Inventory Workshop
Air Resources Board
November 14, 2001



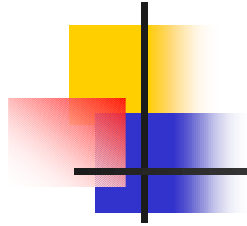
Presentation Overview

- Review guidelines document sent out in August 2001
- Reporting Schedule
- Reporting Methods
- Criteria and Toxics Merger



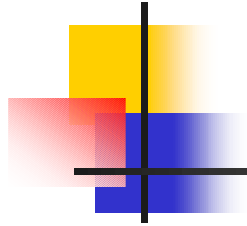
2000 Base Year Inventory Reporting Schedule

Due Date	Task	Responsible Agency
March 25, 2001	The 2000 database created for district direct access (CEIDARS2). The database contains most recent point source data and area source data grown and controlled to 2000.	ARB
September 17, 2001	Most recent point and area source summary reports along with QA reports sent to districts.	ARB
December 31, 2001	Deadline for submitting point source updates and corrections to the ARB (online/TADs/disks).	District
December 31, 2001	Deadline for submitting area source updates grown and controlled to 2000 to the ARB (online/TADs/disks).	District
January 31, 2002	Update and correct all reported point and area source data received by the ARB as of December 31, 2001.	ARB
February 28, 2002	Post statewide 2000 inventory on the ARB web site.	ARB
March-April 2002	Review the data in CEIDARS2.	ARB/ District
June 6, 2002	Submit data to U.S. EPA for the National Emission Inventory (NEI).	ARB
June 30, 2002	Freeze the data in CEIDARS2 for the ARB Almanac 2003.	ARB
January 2003	Publish Almanac 2003	ARB



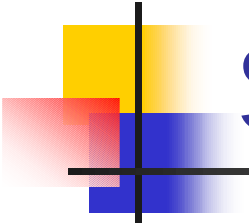
Important District Deadlines

- December 31, 2001
 - Submit point and area source updates
- March-April, 2002
 - Review draft 2000 inventory
- June 30, 2002
 - Final 2000 inventory frozen
- January, 2003
 - ARB 2002 inventory published



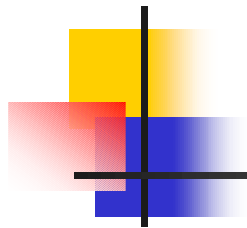
Point Source Criteria Reporting

- All New or Closed Point Sources
 - Every year
- Point Sources = or > 10 TPY
 - Every year
- Point Sources < 10 TPY
 - Every 3rd year (2001 base year next)



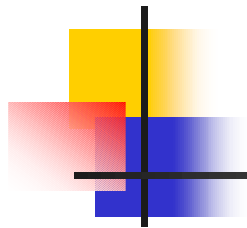
Why Include < 10 TPY Criteria Sources?

- 10,000 facilities in California inventoried as point sources
- Approximately 7,400 emit less than 10 TPY criteria pollutants
- Contribute 15% of point source ROG
- Information needed to support CHAPIS, HARP, Community Health, NEI



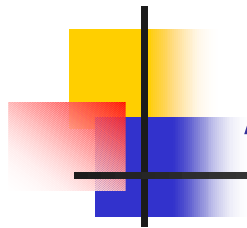
Point Source Toxics Reporting

- Report high-risk facilities annually
 - Risk 1 in a million; or
 - 10 TPY of any single HAP; or
 - 25 TPY of any combination of HAPS
- Report AB2588 facilities annually
- Needed for toxics inventory, HARP, Community Health, CHAPIS, NEI



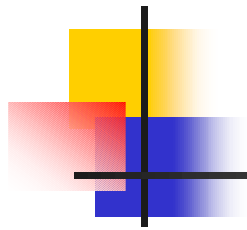
Criteria for Facility Updates

- Missing and incorrect data
 - emissions, codes, spatial
- Change in criteria emissions
 - 5% or 10 TPY change
- Change in toxics emissions
 - 10% change in process rate
- Addition or removal of device or process since last year



Area Source Updates

- Previously districts requested to update 1/3 of their area sources annually
- Recognize resource intensive
- Propose use of ARB Area Source Model to develop default emissions
- Districts encouraged to replace default emissions with better local data



Reporting Methods

- Prefer electronic reporting
 - Batch
 - CEIDARS-Lite
- QA reports provided to districts to help correct errors



Merged Criteria and Toxics

- Required by USEPA for annual submittal
 - NEI
 - Proposed CERR
- ARB merging criteria and toxics databases
- Districts requested to submit merged data
- ARB willing to assist with mergers